Keep on learning with online teaching

Give students access to your digital slides

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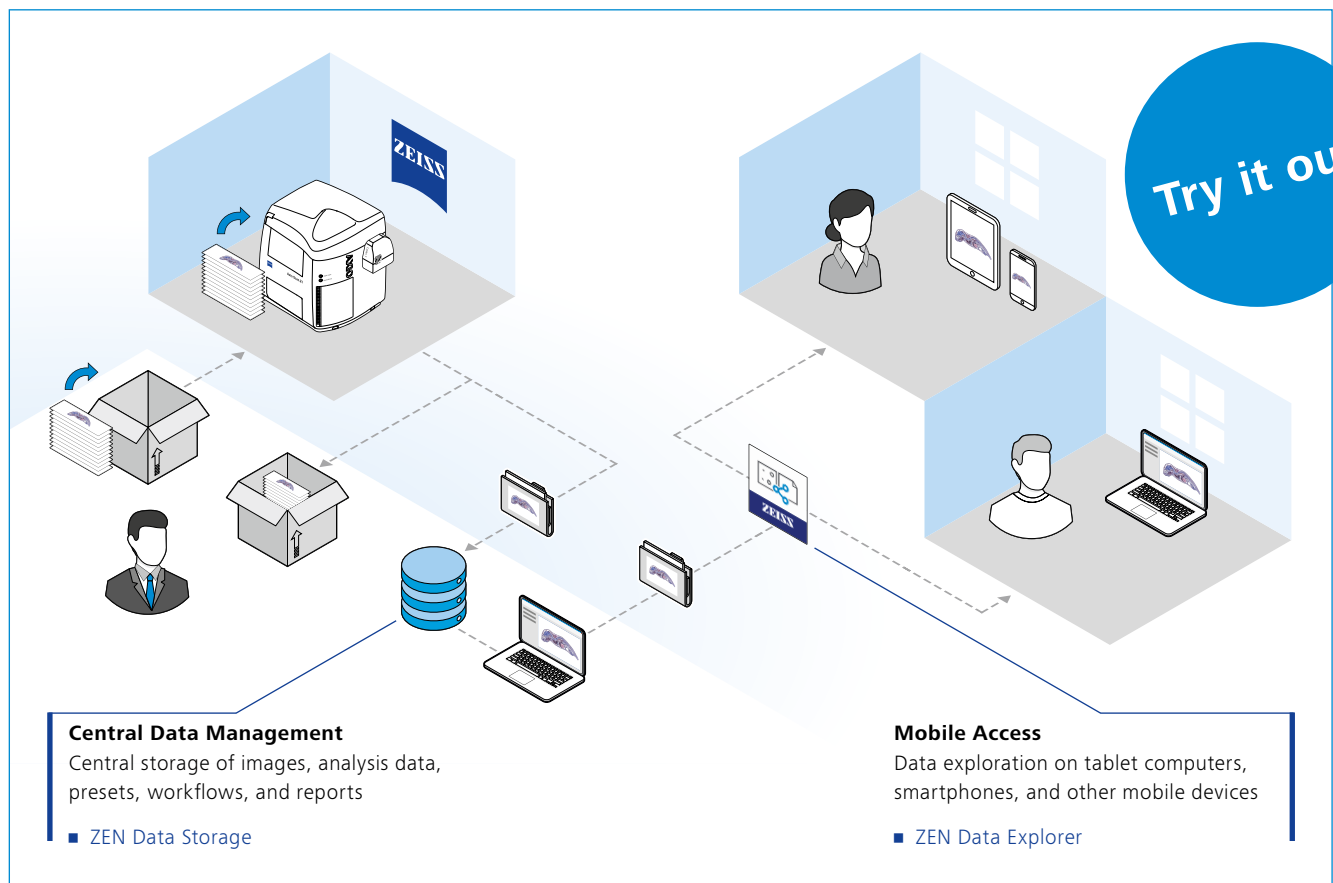*We create virtual slides from your sample with ZEISS Axio Scan.Z1.*

Special times ask for special initiatives and ideas. Universities are closed, your students can't use microscopes in university labs to visualize microscope slides, learn about structural details of cells and tissue. But teaching and learning must go on and digital teaching is getting more important than ever before.

Imagine, you could use locally stored digitized slides for online teaching, give your students the possibility to learn on that slides at home in a real and inspiring learning atmosphere. All you need is the software ZEN Data Storage with the included ZEN Data Explorer, you need no microscope at place.
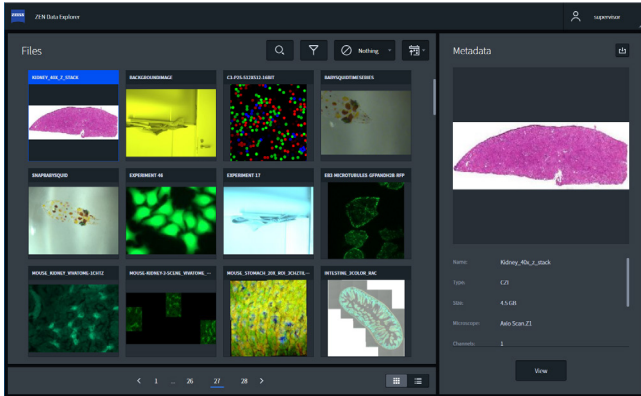
Interested? Then here is how it works
Send up to 100 sample slides suitable for brightfield microscopy to ZEISS. We will do the job for you and digitize your slides using the automated Slide Scanning Microscope ZEISS Axio Scan.Z1. Your virtual slides are then stored on ZEISS ZEN Data Storage, where they can easily accessed by you and your students. Students keep on learning as if they were at the university with the free of charge student software ZEN Data Explorer.

This unique bundle of scanning services and software enables you to teach and learn even in times when social distance learning plays a key role. Your scanned specimens are transfered into digital files that you can annotate as you wish.

Central Data Management
Central storage of images, analysis data, presets, workflows, and reports

■ ZEN Data Storage

Mobile Access
Data exploration on tablet computers, smartphones, and other mobile devices

■ ZEN Data Explorer

Store and manage your slides in a cloud storage place: ZEISS ZEN Data Storage.

Give students access to your slides for online learning: ZEISS ZEN Data Explorer

ZEN Data Storage is easily integrated in the ZEN software suite. It allows you to store images, templates and workflows in a central database, get access from any microscope and share the access with your students.

Demo Server: http://micro-virtual-education.zeiss.com
User: Demo
Password: P@ssw0rd

Send up to 100 samples suitable for brightfield.

Digitization with Axio Scan.Z1 at ZEISS (Objectives: Plan-Apochromat 10×, 20×, 40×).

Installation of ZEN Data Storage on your server by ZEISS Service. Upload and annotate your digital slides for your education.

Your students download ZEISS ZEN Data Explorer free of charge for their mobile device or access via browser.

Your students have access to your digitized slides and teaching and learning goes on.

ZEISS ZEN Data Storage

With ZEN Data Storage all your images, templates, forms and reports are accessible in one central database. ZEN Data Storage builds upon your existing server infrastructure and keeps your data in one place, facilitating the implementation of backup and data security plans. ZEN Data Storage brings central server based user management to your university and connects all your students. Efficiently organize your multi-user environment and access roles. Include your external students at home and keep them learning virtually.

- Server software installed on customer site
- ZEISS provides only the server software and allows flexible hardware
- Based on standard packages (Windows server, MS SQL)
- Installation done remotely by ZEISS Service
- System Requirements: Windows-based server hardware

ZEISS ZEN Data Explorer

With ZEN Data Explorer you can explore, view, share and work on images stored in ZEN Data Storage. This free of charge image browser allows to view and annotate images. You can get an overview of the images with the gallery view and navigate through single images. It runs as hybrid App on smartphones and tablets (iOS and Android) as well on Window PCs. ZEN Data Explorer allows for working with multidimensional images on a server from a remote location and from different platforms.

- Viewer for images stored on ZEN Data Storage Server
- Basic annotation functionality
- Available in Browser or as app
- Included with ZEN Data Storage Server

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